

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



SERVING MANY

Food news for food managers in industrial plants, restaurants, hotels, and hospitals

Published monthly by

PRODUCTION AND MARKETING ADMINISTRATION
150 Broadway, New York 7, N. Y.

February, 1946

No. 16

Food News

The news from the food front is good this month because several popular foods will be abundant in national supply. Some of these foods which will interest industrial feeding operators are, oranges, white potatoes, eggs, turkeys (toms), cabbage, and rolled oats.

Oranges and white potatoes will be plentiful in the growing districts and adjacent States. Transportation facilities are limited for perishable foods, and distribution to States a considerable distance from the growing areas of oranges and white potatoes may restrict supplies in some markets.

Using Citrus Fruits in Industrial Feeding

The National Research Council's Food and Nutrition Board and Government and private nutrition surveys indicate that American workers' dietaries often are deficient in ascorbic acid (vitamin C). These surveys show that nearly one-half of the employees in certain plants consume less vitamin C than the 75 milligrams per day advocated in the National Research Council's dietary allowances.

One of the reasons that many workers eat too little of citrus fruits and tomatoes is that too many of them go to work without breakfast or with an inadequate breakfast. Others drink a hot beverage and eat toast, sweet rolls, or doughnuts and believe that they are well nourished. Of course, this is not true as a breakfast for an industrial worker should include a citrus fruit, citrus fruit juice, or tomato juice as a beginner, one or two eggs, whole-grain or enriched cereal, and whole milk. How much a worker eats depends on how far he has to travel to work, and how hard he must work on the shift. Dietitians and food service managers in industrial plants should keep plugging for better breakfasts for workers (and themselves).

The National Research Council's report on "Inadequate Diets and Nutritional Deficiencies in the United States" in 1943 contains the statement that unless citrus fruits and citrus fruit juices are consumed at breakfast, the diet is likely to be deficient in vitamin C. This should challenge industrial dietitians and managers to: Serve breakfasts, when possible; to provide chilled citrus fruit juices and tomato juice at the cafeteria counter; to supply oranges, tangerines, and grapefruit at the snack counter; to plan fruit salads containing citrus fruits; to serve desserts mad with citrus fruits and juices, frequently. In other words you should help the worker to get vitamin C at the plant if he doesn't get his allowance at home.

Remember that whole tomatoes, canned tomatoes, and tomato juice are excellent sources of vitamin C, and they contain about one-half as much ascorbic acid per 4-ounce unit as oranges and grapefruit. Use tomatoes freely, fresh and canned, as a vegetable, in salads, as an appetizer, in sauces, and as a flavoring for other food dishes.

Cabbage also is a good source of vitamin C, as are salad greens.

During the war, the English gave vitamin C the popular name of "the fitness vitamin," because it is essential to strong bones and teeth, healthy gums, and general body fitness. During the war England imported close to 100 million gallons of concentrated citrus juices for mothers and children.

The menus for special lunches for February and the attached recipes suggest ways of using citrus fruits, tomatoes, and cabbage for workers' meals.

Plentiful Foods for February

Eggs will be freely available in February throughout the country. Use them in main dishes, salads, and desserts. Some suggested ways to using eggs are included in the Special Lunch Menus for February.

Cabbage will be universally plentiful this month. It is a relatively inexpensive food, so use it in salads and uncooked relishes, such as "Philadelphia Relish," and as a cooked vegetable. Steamed cabbage with lemon-butter (or margarine) and "Creole Cabbage" with tomatoes, onions, and green peppers are "different" flavor treats. Recipes for these may be found in your files of "Serving Many" - April and September 1945 issues.

By the way, do you clip and mount these recipes or copy them on your recipe card file?

Rolled oats are abundant and a very inexpensive food. Try using them in cookies, muffins, oatmeal bread, and as an "extender" and binder in meat loaves and patties instead of bread crumbs. A recipe is attached for "Oatmeal Squares" a delicious cookie.

If you are in an area where tom turkeys are abundant, consider serving at least one more "turkey special" before winter turns into spring.

SPECIAL LUNCH MENUS FOR FEBRUARY

These menus suggest ways of using oranges, eggs, white potatoes, cabbage, and rolled oats. Foods which will be in abundant supply during February are indicated by asterisks. Recipes for special dishes included in publications of the Industrial Feeding Division are indicated by footnotes.

1.
Fried Liver
Scalloped potatoes*
Shredded carrot and cabbage* salad
Enriched bread and butter or
fortified margarine
Orange custard 1/
Milk or other beverage

3.
Pot roast with brown vegetable gravy 2/
Steamed potatoes*
Brussels sprouts
Enriched bread with butter or forti-
fied margarine
Canned fruit with oatmeal squares* 1/
Milk or other beverage

5.
Fish cakes with egg* sauce 2/
Parsley buttered potatoes*
Tossed green salad with French dressing
Corn bread with butter or fortified
margarine
Orange* chiffon pie 1/
Milk or other beverage

7.
Braised beef with tomatoes and onion 2/
Creamed potatoes*
Raw vegetable salad (shredded carrot,
turnip slices, green pepper
rings, leaf lettuce)
Enriched bread with butter or forti-
fied margarine
Ice cream or sherbet
Milk or other beverage

9.
Meat pie 2/
Parsley buttered cauliflower
Mashed potatoes*
Pickle relish
Enriched bread with butter or
fortified margarine
Orange* or lemon chiffon pudding
(use attached recipe)
Milk or other beverage

11.
Swiss steak 2/
Creamed potatoes*
Baked Hubbard squash
Whole-wheat bread with butter
or fortified margarine
Chilled soft custard over diced oranges* 3/
Milk or other beverage

2.
Lamb stew (with carrots, potatoes*,
and onions) 2/
Diced oranges* on cabbage* and green
pepper slaw
Whole wheat bread with butter or
fortified margarine
Sponge cake with rainbow icing 3/
Milk or other beverage

4.
Citrus fruit juice*
Meat biscuit roll 2/
Buttered spinach or other greens
with hard-cooked egg slices
Whole-wheat bread with butter or
fortified margarine
Ice cream
Milk or other beverage

6.
Roast pork shoulder with apple dressing
Mashed potatoes* with gravy
Green beans
Rolled oat* muffins with butter or
fortified margarine
Fresh fruit cup (orange*, pears, and
grapefruit)
Milk or other beverage

8.
Scrambled eggs* with bacon 2/
Creole cabbage*
Hashed browned potatoes*
Whole-wheat bread with butter
or fortified margarine
Deep dish apple pie (try a few drops
of lemon juice with the winter
apples)
Milk or other beverage

10.
Cheese souffle 2/
Buttered broccoli
Baked potatoes*
Whole-wheat bread with butter or
fortified margarine
Chocolate layer cake with vanilla
cream filling
Milk or other beverage

12.
Cream of tomato soup with crackers
Stuffed egg* salad garnished with
carrot sticks and green pepper rings
Whole-wheat muffins with butter or
fortified margarine
Gingerbread with warm apple sauce
Milk or other beverage

13.
Boiled tongue with horse radish sauce
Scalloped potatoes*
Buttered frosted peas
Enriched roll with butter or forti-
fied margarine.
Ice cream with tutt-frutti sauce (in-
clude orange*)
Milk or other beverage

14.
"Porcupine" meat balls 2/
Lyonnaise potatoes
Tomato aspic with diced celery and
chopped green pepper
Enriched bread with butter or
fortified margarine
Chocolate blane mange
Milk or other beverage

15.
Baked fish with lemon slice
Parsley buttered potatoes*
Steamed cabbage* with parsley butter
Whole-wheat bread with butter or fortified margarine
Pumpkin pie
Milk or other beverage

1/ See attached recipes

Publications may be obtained from the Production and Marketing Administra-
tion, U. S. Department of Agriculture, Washington 25, D. C. Free of charge.

2/ "Making the Most of Meats in Industrial Feeding."

3/ "Saving Sugar in Industrial Feeding."

RECIPES USING ABUNDANT FOODS

Orange Chiffon Pie

Ingredients.	Amounts	
	100 portions	500 portions
	15 pies X 7	72 pies X 7
Plain granulated gelatin	1 cup	5 cups
Cold water	1 quart	5 quarts
Eggs*	60 (5 dozen)	240 (20 dozen)
Granulated sugar	7 pounds	35 pounds
Orange juice*	2 quart	10 quarts
Lemon juice	8 ounces	1-1/4 quarts
Grated orange rind*	1/2 cup	3 cups
Grated lemon rind	1/2 cup	2 cups
Salt	1 ounce	4-1/2 ounces

Size of portion - 1/7 of 10-inch pie.

Method:

1. Separate egg whites from yolks.
2. Soften gelatin in cold water.
3. Beat egg yolks until light and add half of the sugar and the salt and lemon and orange juices. Cook over boiling water or in a pastry kettle until of custard consistency. Add gelatin and grated fruit rinds to custard and stir until combined. Cool.
4. When the mixture begins to thicken fold in the egg whites whipped to a meringue with the other half of the sugar.
5. Fill baked pastry shells or graham cracker crusts.

6. Top with thin layer of whipped cream if desired.

Baked Orange Custard

Ingredients	Amounts	
	100 portions	500 portions
Milk	8 quarts	40 quarts
Eggs*	36 (3 dozen)	180 (15 dozen)
Sugar	2-1/2 pounds	12 pounds
Orange* juice, strained	1 quart	5 quarts
Lemon juice, strained	3/4 cup	1 quart
Grated orange rind, lightly grated	2 tablespoons	1/2 cup
Salt	1 ounce	5 ounces

Size of portion - 4 ounces.

1. Grate orange rind lightly taking off only the colored part and none of the white.
2. Prepare and strain the orange juice.
3. Beat the eggs until mixed, add the sugar, orange and lemon juice, rind, and salt and continue beating until blended.
4. Combine the milk with the egg mixture and pour into custard cups. Place cups in baking pan surrounded with hot water.
5. Bake in a slow oven at 300° F. for about 50 minutes to 1 hour, or until a silver knife blade inserted in the center comes out clean.

Oatmeal Squares

Ingredients	Amounts	
	100 portions	500 portions
Fat (cooking fat or poultry fat or clarified drippings)	8 ounces	2 pounds, 8 ounces
Granulated sugar	1 pound	5 pound
Eggs*	3	15
Sour coffee cream (or sour whole milk)	12 ounces 1/2	1-3/4 quarts
Maple flavoring	1-1/2 teaspoons	1 ounce
Flour, pastry or cake	1 pound	5 pounds
Salt	1/2 ounce	2 ounces
Baking soda	1/2 ounce	2-1/2 ounces
Cinnamon	1 tablespoon	1 ounce
Dry sifted bread crumbs	4 ounces	1 pound, 4 ounces
Rolled oats	10 ounces	3 pounds
Raisins, washed and patted dry	1 pound	5 pounds
Nuts, walnuts or pecans, chopped	3 ounces.	1 pound

1/ If sour whole milk is substituted for sour cream increase the fat to 14 ounces.

Yield - about 6 pounds batter making approximately 1-1/2 dozen cookies per pound, or 6 dozen cookies.

Method:

1. Cream fat, and add sugar and maple flavoring and blend until creamy.
2. Beat the eggs until light and add the sour cream.
3. Sift the flour, baking soda, cinnamon, and salt, twice; stir in the rolled oats and crumbs.
4. Add the egg-milk mixture to the fat alternately with the flour mixture, stirring well after each addition.
5. Mix raisins and chopped nuts and stir quickly into the batter.
6. Spread mixture evenly 1/2-inch deep on a greased baking sheet.
7. Bake in 350° F. oven for from 12 to 15 minutes until delicate brown. Cool partially, then cut into pieces about 1-1/2 to 2 inches square.

In the past several issues, instructions have been given for the care and storage of foods. This month a new series begins at the request of our readers on the care and cleaning of equipment.

CLEANING REACH-IN REFRIGERATORS

Efficient refrigeration depends on good circulation of cold, dry air.

Maintaining the fine flavor of foods stored in the refrigerator results from assembling foods in the proper variety in a single unit. For example, dairy products should not be stored in the same box with highly flavored fruits such as cantaloup. Fish and spiced smoked meats should be kept away from mild-flavored foods such as cut butter, cottage cheese, and cream. Strong-flavored foods should be wrapped or covered. Fluid foods should be stored in covered containers.

1. Keep the walls of compartments dry by placing food supplies so as not to interfere with the cold air circulation. The warm air must rise to the top and the cold air must fall toward the bottom of the chamber.
2. Place foods needing lower refrigerating temperatures on the lower shelves of the ice box, and those requiring a high storage temperature on the upper shelves. For example, milk, butter, cheese, and meats should be stored in the coldest part of the compartment.
3. Avoid overloading the food compartments. Keep foods covered. Wrap exposed surfaces of fruits and vegetables and cheese in waxed paper.
4. Leave enough room between foods to allow for a free circulation of air.
5. Do not allow ice box doors to remain open longer than the time required to remove or store foods.
6. Maintain a constant temperature in the refrigerator by defrosting the pipes regularly. They should be defrosted whenever as much as 1 inch of ice collects on the pipes.
7. Clean defrosted pipes and refrigerator shelves and walls thoroughly before the refrigerant is turned on again.
8. Remove the shelves and wash in neutral soap suds cleaning with a stiff brush. Rinse thoroughly in clean hot water and dry before replacing them.
9. Flush drains thoroughly with a hot solution of washing soda and water to clean and sweeten them.
10. Keep power belts in alignment to avoid friction and wearing. Check them daily.
11. Arrange for regular draining and flushing of the oil pump. Refill it with fresh oil.
12. Oil the moving parts regularly but do not let the oil come in contact with leather or rubber parts.
13. Request regular maintenance of motors because dirty motors have less power.
14. Clean condensers once a week using a stiff brush.
15. Repair door gaskets as soon as they show signs of wear, so that doors will close tightly.

LIBRARY
CURRENT SERIAL RECORD
☆ APR 9 1946 ☆
U. S. DEPARTMENT OF AGRICULTURE